

Applicant: Dinh, et al.
Application No: 10/603,210
Filing Date: June 25, 2003
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IN THE CLAIMS:

Claim 1. (Amended) A gasketless water resistant electrical floor box comprising:

(a) a box having an interior defined by a base, and side walls and an open upper face defined by the side walls, said box including a dividing wall supported therein, wherein said dividing wall divides said interior into a receptacle interior portion and a drainage interior portion, ~~said dividing wall providing a water resistant barrier between said drainage interior portion and said receptacle interior portion; and;~~

(b) a cover assembly comprising:

(i) a flange supported on and extending around the side walls at the open upper face of said box; and

(ii) a cover pivotally attached to said flange and having sufficient expanse to substantially cover said open upper face, the cover comprising a pivotally openable gasketless door thereon to allow electrical wires therethrough and into at least said drainage interior portion; and-

(c) means for tracking water into said drainage interior portion while preventing water from tracking into said receptacle interior portion.

Claim 2. (Original) The box according to claim 1, wherein said dividing wall has an opening to allow electrical wires therethrough.

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Claim 3. (Original) The box according to claim 2, wherein said box comprises a knockout in at least one of said side walls to allow an electrical wire therethrough.

Claim 4. (Original) The box according to claim 3, wherein said box has a hole in said base.

Claim 5. (Original) The box according to claim 3, wherein said box has a hole in said drainage interior portion thereof.

Claims 6-28. (Cancelled)

Claim 29. (Original) The box according to claim 1, wherein said box is metal.

Claim 30. (Previously presented) The box according to claim 1, wherein said water resistant electrical floor box is gasketless.

Claim 31. (New) The box according to claim 1, wherein said means for tracking water comprises upwardly extending ribs perimetrically about said base, and a groove structure of said cover, said ribs mates with said groove to channel water.

Claim 32. (New) The box according to claim 1, wherein said means to tracking water comprises a projection portion of said cover and said dividing wall.

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Claim 33. (New) The box according to claim 1, wherein said door further includes a cut-out portion to allow said door and said cover to be closed and to allow said wires to egress said box.

Claim 34. (New) The box according to claim 1, wherein said door further includes a groove-like track, and said cover having projections which mate to said groove-like track to permit the door to open and close in pivotal fashion.

Claim 35. (New) The box according to claim 1, wherein said door further includes a channel and a handle seated into said channel, wherein said handle is retractable within said channel to lift and open the door.